

20010413.qrp v02_n158.qrl.20010413

Date: Fri, 13 Apr 2001 19:03:06 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2158

QRP-L Digest 2158

Topics covered in this issue include:

- 1) [96258] Re: 1 mW
by "Trevor Jacobs" <fxtech@earthlink.net>
- 2) [96259] Amazing Analyzer
by DYARNES@aol.com
- 3) [96260] Re: Harbor Freight Punch
by JOHN FISHER <ve7fdg@mad.scientist.com>
- 4) [96261] Balun to choke off noise from a quarter wave vertical
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 5) [96262] kits for a group building receivers--Ten Tec discounts
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 6) [96263] Re: Question; Anti-static storage
by "Steve Yates, AA5TB" <aa5tb@arrl.net>
- 7) [96264] Re: [fpqrp] STORM IN PROGRESS, 11-12APR
by FrConrad@aol.com
- 8) [96265] OT: Need specs on Lambda LAS2215 and LAS2715 power hybrids ???
by "Tom Scott" <tomrscott@sterlink.net>
- 9) [96266] AT sign in Morse is usually done as "AT"
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 10) [96267] "QRP-Pedition"
by "Delbert Long" <ad6we@hotmail.com>
- 11) [96268] The web paper only showed less than 0.1 dB loss for '100 feet of ladder line
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 12) [96269] RE: Resistance Tolerance (38 Special)
by "Carl Morris, WN3DUG" <morrisw@cvn.net>
- 13) [96270] SafetyFirst
by PTSMANTUA@aol.com
- 14) [96271] Watch out for the QRP ops!
by "N7SG K7FD" <k7fd@hotmail.com>
- 15) [96272] Re: Question; Anti-static storage
by "Don Wilhelm" <w3fpr@arrl.net>
- 16) [96273] PSK Help
by mugglesto@ecentral.com
- 17) [96274] Re: Amazing Analyzer
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 18) [96275] Re: QRP Desktop question
by "Marty N5NW" <n5nw@onebox.com>

- 19) [96276] Re: Question; Anti-static storage
by Pete Burbank <plburbank@kih.net>
- 20) [96277] Re: Question; Anti-static storage
by "Brian P. Mileschosky" <n5zgt@swcp.com>
- 21) [96278] Re: Question; Anti-static storage
by "Steve Yates, AA5TB" <aa5tb@arrl.net>
- 22) [96279] Re: Amazing Analyzer
by "Dave Fifield" <ad6a@earthlink.net>
- 23) [96280] Elecraft Dayton QSL Display (Last Reminder)
by "Steve Thompson" <steve@xcvr.com>
- 24) [96281] Re: HB sheet metal brake
by "E. Roswell" <eroswell@monmouth.com>
- 25) [96282] Re: "Making Verticals Quieter" / Antenna Switch
by "Upton, Shawn" <SUpton@ALLEGROMICRO.com>
- 26) [96283] Re: Amazing Analyzer
by "Karl F. Larsen" <k5di@zianet.com>
- 27) [96284] [CONTEST] QRP Contest Calendar - Apr 14-30
by Ken Newman <N2CQ@citnet.com>
- 28) [96285] Re: Amazing Analyzer
by DYARNES@aol.com
- 29) [96286] TenTec HF gear and accessories FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>
- 30) [96287] For Sale: Wilderness Radio Accessories
by Elliott <edl@pacbell.net>
- 31) [96288] WTT FT-840 for FT-817
by "Jim Crooke" <crooke@prodigy.net>
- 32) [96289] Re: Spring Bouquet
by Bruce Rattray <rattray@gpfn.sk.ca>
- 33) [96290] Dayton Hamvention Rooms
by Hank Kohl K8DD <k8dd@arrl.net>
- 34) [96291] DSW/PC tuning...OR...an amateur programmer's mistake
by "William Mabry" <n4qa@hotmail.com>
- 35) [96292] Re: Amazing Analyzer
by "Tony Fishpool" <g4wif@btinternet.com>
- 36) [96293] PSK31
by Elliott <edl@pacbell.net>
- 37) [96294] Re: Amazing Analyzer
by Jeff Stai WK6I <jstai@home.com>
- 38) [96295] FS: TT rigs.....
by "T.W." <wb5qyt@abq.com>
- 39) [96296] OT: SuperKeyer II wanted!
by agtaylor@llnl.gov
- 40) [96297] Save 7-9 September for the SW Convention QRP Forum
by "Phinizy, William" <wphinizy@filenet.com>
- 41) [96298] Re: Code Morse of @
by "Oleg Borodin" <vector72@lipetsk.ru>
- 42) [96299] For Sale
by tailfeathers@juno.com

- 43) [96300] Re: HB sheet metal brake
by "Chuck Adams, K7QO" <k7qo@earthlink.net>
- 44) [96301] September ARRL SW Convention QRP Forum Alert!
by "Phinizy, William" <wphinizy@filenet.com>
- 45) [96302] Plotting Program
by Royce Simmons <w2rbn@prodigy.net>

Date: Thu, 12 Apr 2001 16:46:19 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <lejek@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [96258] Re: 1 mW
Message-ID: <002201c0c3aa\$c6bb6380\$15e5b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That URL would be www.pvrc.org not .com. Just FYI...

73
Trev
KG6CYN

----- Original Message -----

From: Larry Cahoon <lejek@erols.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, April 12, 2001 1:13 PM
Subject: 1 mW

> I just got the PVRC (Potomac Valley Radio Club) newsletter and thought I'd
> copy an item to the group.
>
> By way of background Frank is W3LPL, QTH is in MD between Baltimore,
> Washington, and Frederick. I won't try to tell you the kinds of trees he
> has in his yard, but they are tall and made of a lot metal. This report
is
> from the ARRL CW DX contest.
>
> "Frank stated that 10M was really hot on Sunday the 18th. He was working
> VU2ZAP with the high beam when 'ZAP (running 100W, hitting 20db over on
the
> S-meter) asked him to stand-by.... 'ZAP came back running 1W with an S8
> signal....asked Frank to standby again and after a few moments of silence
> Frank switched to the bottom(quieter) antenna and heard 'ZAP asking
"Frank,

> do you hear me? Frank do you hear me? Well of course Frank heard him....
> he hears everything, but 'ZAP was running 1 mw.
>
>
> I'll leave it to you to figure out the DXCC country for VU2ZAP - hint -
you
> can't get too much further from W3LPL's QTH. There is a few pictures of
> Frank's place at the PVRC web site <http://www.pvrc.com>
>
> 73 de Larry.....WD3P in MD
> <http://www.qsl.net/wd3p>
>

Date: Thu, 12 Apr 2001 19:41:56 EDT
From: DYARNES@aol.com
To: qrp-l@lehigh.edu
Subject: [96259] Amazing Analyzer
Message-ID: <94.1298c6d3.28079744@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Gang,

I forgot to mention something I saw at Ft. Smith last weekend that I think is an incredibly neat tool/gadget. Graham Firth, G3MFJ, had a little goodie called an Atlas Component Analyzer, which does some really amazing things. This thing will identify a bunch of different components, and tell you all sorts of things about it too. There are three clip leads, and you just clip any two (or all three if necessary) to the component, push a button, and start reading. Every push of the button reveals more info about the component. For example, if you hook up an NPN transistor, it will tell you that you have done so, give you the pinout info (regardless of how you hooked it up), give you the gain for the transistor, etc. Graham had a handful of different components, a transistor, a couple of LED's (one was a two color job), etc. and the analyzer identified each one perfectly. Since you can't hook it up wrong, it's perfect for me!!!!

The best way to find out more about this thing is to go to the company's website at www.peakelec.co.uk. This will take you right to a page about the Atlas. Just click on the picture and you will get more choices including a spec. sheet, a Q & A sheet, and a couple of review articles. The cost airmailed to the U.S. is about 58 pounds (U.K. currency), which is about \$82 or \$83. Considering all that it will do, I don't think that is such a bad price. Anyway, I promise you that you will at least be impressed with its

versatility. Mine is on its way.

72 de Dave W7AQK

Date: Thu, 12 Apr 2001 19:52:52 -0400 (EDT)
From: JOHN FISHER <ve7fdg@mad.scientist.com>
To: eroswell@monmouth.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [96260] Re: Harbor Freight Punch
Message-ID: <382036867.987119572461.JavaMail.root@web572-mc>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I called Harbor Freight and asked for the punch. When I mentioned the 9.99 sale they found it and I ordered two for the price of one. Good deal. John

-----Original Message-----
From: "E. Roswell" <eroswell@monmouth.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: April 12, 2001 10:23:52 PM GMT
Subject: Re: Harbor Freight Punch

Their specials oscillate between their stores, the web, and their catalogs,...you have to keep checking them all. I just got their flyer (catalog 634 - Spring/Summer 2001) today, and a hole hand punch is on sale for \$12.99. HOWEVER, this is a METRIC punch - may be useful for what you want, but read specs carefully before ordering. (2, 3, 4, 4.5, 6, and 7 mm sizes)

73, Ed
K2MGM.
ve7fdg@mad.scientist.com
2137 duggan rd
nanaimo bc V9S 5N9
canada

FREE Personalized Email at Mail.com
Sign up at <http://www.mail.com/?sr=signup>

Date: Thu, 12 Apr 2001 19:02:06 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <plburbank@kih.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [96261] Balun to choke off noise from a quarter wave vertical

Message-ID: <005101c0c3ac\$fa694c90\$4e100a0a@rohredt2000>

Pete,.

It is worth a try. Likely you are removing induced common mode currents which arise from vertically polarized noise in the near field of the vertical.

Lew McCoy in his original review of the Gap line of vertical dipoles commented on them being less noisy than other verticals he had tried. At the time, it was not stated what might be the reason. As an asymmetrical vertical dipole the Gap line is fed near the center of the antenna. Then, the coax is lead down inside the lower tubing section, to exit below the counterpoise like circular element at the base of the active antenna. It is possible that this several feet of outer extra shield performs as a HF waveguide beyond cutoff choke, and blocks noise currents. You could test this theory, by sleeving the coax in electrical conduit up the fed point of the antenna base. I have been thinking of trying this with a piece of conduit I have and an older base fed vertical and see if it is the choke effect. The balun probably does the same thing. Thus, whichever is easier to implement would be the thing to do. The balun would need a box and weather proofing. Maybe beads on the outer insulation of the coax would also do the trick? Anyone have some to test?

72,

Stuart K5KVH

Date: Thu, 12 Apr 2001 19:07:02 -0500

From: "Stuart Rohre" <rohre@arlut.utexas.edu>

To: <keng@moscow.com>

Cc: <qrp-1@Lehigh.EDU>

Subject: [96262] kits for a group building receivers--Ten Tec discounts

Message-ID: <005701c0c3ad\$aa905c80\$4e100a0a@rohredt2000>

You listed some kits that are fine and one firms products that would be frustrating to newcomers and those teaching.

However, the solution is the group kit offers from Ten Tec. They have a very good first project DC receiver kit, and their manuals are excellent. They offer a discount for group purchases for clubs or students. Ten Tec quality exceeds the level ever achieved by Heathkits. I especially like the spiral bound manuals that lie open and flat on the more advanced kits, and the strong boxes for those. You get a little L shaped panel/chassis for the entry level receiver, but that is OK, as you want to show off your first kit.

Look at their web site and look for the T-kits division.

GL and 72,
Stuart K5KVH

Date: Thu, 12 Apr 2001 18:58:52 -0500
From: "Steve Yates, AA5TB" <aa5tb@arrl.net>
To: QRP-L Distribute <qrp-l@Lehigh.EDU>
Subject: [96263] Re: Question; Anti-static storage
Message-ID: <002501c0c3ac\$8fdd2540\$bb713ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I agree with Mike except I would recommend that you store your parts in specially designed anti-static bags or bins. Lining draws with foil or wrapping your components in foil will dissipate any accumulated charges but will do so very rapidly and any charge that does accumulate on the component will discharge with little resistance which can cause damage as well. This is one reason why anti-static wrist bands usually measure about 1M ohms to ground instead of a dead short. The idea is to bleed the charges slowly to a common potential.

Here are a few related sites that may help:

<http://www.esdjournal.com/>

<http://www.arrl.org/tis/info/pdf/9104019.pdf> (big file)

<http://www.arrl.org/tis/info/pdf/9105028.pdf> (big file)

73,
Steve Yates - AA5TB
Fort Worth, Texas
Grid Square: EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Thu, 12 Apr 2001 20:39:42 EDT
From: FrConrad@aol.com

To: w2agn@pobox.com
Cc: qrp-1@lehigh.edu
Subject: [96264] Re: [fpqrp] STORM IN PROGRESS, 11-12APR
Message-ID: <24.11d51292.2807a4ce@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/12/01 10:25:11 AM Pacific Daylight Time, w2agn@pobox.com writes:

```
<< So THIS is what happens when you schedule a contest on Easter weekend!
>>
```

Might I suggest another way to spend this Sunday morning?

John+
WB6MFS

Date: Thu, 12 Apr 2001 17:40:22 -0700
From: "Tom Scott" <tomrscott@sterlink.net>
To: "'qrp-l Reflector'" <qrp-l@Lehigh.EDU>
Subject: [96265] OT: Need specs on Lambda LAS2215 and LAS2715 power hybrids ???
Message-ID: <003701c0c3b2\$560c1000\$01010a0a@mh1t70164>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I need to get pinouts and hopefully a copy of the full data sheet for a pair of Lambda power hybrids, LAS2215 and LAS1715. They are discontinued products and the factory will not admit to having the data. Maybe someone out there has a product that used these, or has some old data sheets. Any assistance GREATLY appreciated...

- Tom Scott, Field Applications Engineering
//_/_/_/_/_/_/_/_/_/_/_/_/
Arrow Electronics
9500 SW Nimbus #E
Beaverton, OR 97008
503-524-1045 - Office
503-629-8090 - Branch
503-645-0611 - Fax
503-703-2032 - Cell
503-538-5839 - Home
KD7DMH

._/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_

Date: Thu, 12 Apr 2001 19:57:05 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [96266] AT sign in Morse is usually done as "AT"
Message-ID: <00a601c0c3b4\$a8915400\$4e100a0a@rohredt2000>

This came up some time ago on another reflector, or maybe this one?
Spelling it out was the best that was posted then.
73,
Stuart K5KVH

Date: Fri, 13 Apr 2001 01:00:40 -0000
From: "Delbert Long" <ad6we@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [96267] "QRP-Pedition"
Message-ID: <F62LB8TrBHxvZ9aZ1i600004330@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Just saw this on QRZ.com and wanted to pass it along:

QRP-PEDITION OF THE UR-QRP CLUB
The Ukrainian QRP Club will hold its first QRP-pedition to the mountain
Ai-Petri in the Crimea, in a period from 4 till 11 of May, 2001.

The main aims of this expedition are: to popularize low power work on Air,
to attract the Hams' attention to the QRP movement, to show boundless
possibilities for low power work, to test QRP home-made transceivers, to
meet friends and associate with them.
A special call of the QRP-pedition is EM5QRP. The members of the
QRP-pedition are: RK3ZK, UR6IRL, UR7IRL, US1RCH, US1REO, UU4JCQ, UY1AW,
UZ8RR ...

The output power of the TX of the QRP-pedition members will be to 5 Watts - CW, to 10 Watts - SSB. Work will be arranged mainly on the international QRP frequencies. RTTY and SSTV mode work is being planned too.

Three correspondents, who will have the largest number of the QSOs with the QRP-pedition members on various bands, will get prizes - books, published by Igor Grigorov, RK3ZK.

All correspondents will get a special QSL-cards confirming the QSOs. Those who wish to get the QRP-pedition pennant must address their QSL and 4 IRC to the expedition QSL-manager: UR7IRL, Vladimir Tretyakov, Post Box 41, Konstantinovka-10, Donetsk Region, 85110, Ukraine.

72/73! Peter Grytsay, US1RE0"

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Thu, 12 Apr 2001 20:25:00 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Phil \ (VA3UX\)" <phil@vaxxine.com>
Cc: <qrp-l@Lehigh.EDU>
Subject: [96268] The web paper only showed less than 0.1 dB loss for `100 feet of ladder line
Message-ID: <00e601c0c3b8\$8eb02080\$4e100a0a@rohredt2000>

Did I mis read the referenced web paper? I saw only losses under 0.1 dB, so for all his cases, let us just say 0.1 dB per 100 feet. That is much better than coax! And twin lead. You would have to get over 1 dB to notice anything, and maybe 2 dB. The other paper on that 7 call web site, showed some significant losses for the SPC transmatch, at various bands and set ups. But, the losses I saw on the 450 ohm ladder lines was quite good. Now, he did make the point that no. 12 wire conductor was lower loss than the 18 gauge used in commercial lines. But, several dB on window line, no way from our club experience at field day with typical 100 foot runs. No attenuation of received or transmitted sigs was experienced even running QRP.

Some asked about tubular twin lead vs. flat. Since tubular has air between the conductors as well as plastic, its losses should be lower than all plastic between the wires. However, if you have some foam type between the wires, overlaid with plastic, it will be something else, and that is why two reels of that are sitting in my to do queue. Will post those when I get

time to measure some parameters on them.

72,

Stuart K5KVH

Date: Thu, 12 Apr 2001 21:32:24 -0400
From: "Carl Morris, WN3DUG" <morrisw@cvn.net>
To: <kc0exp@caddistech.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [96269] RE: Resistance Tolerance (38 Special)
Message-ID: <003c01c0c3b9\$990ce8a0\$662c2940@morrisw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Michael, KC0EXP,

I have a 38 Special, too, and a friend of mine has also built one. He sent me some info from QRPP, Fall of 1997 issue, which described some changes to the 5 Watt Mod, which suggests not using Resistor R101 (18K) or Capacitor C101 (.1uF) at all. The article says leave out R101 and put a solid wire jumper in place of C101. I'm going to change my 38 Special to match this change. My friend did this and it works great!

You must be sure to "Break" the pcb track between one end of where C101 was and the L5 output side of Q2, IRF510, or you will "blow" U4!

I could copy and mail you the QRPP article by Gary Surrency, AB7MY (of Elecraft) if you like. I would just need your address.

72/73, Carl, WN3DUG

K2 S/N: 1320

Date: Thu, 12 Apr 2001 22:03:11 EDT
From: PTSMANTUA@aol.com
To: ko6gf@slip.net, qrp-1@lehigh.edu
Subject: [96270] SafetyFirst
Message-ID: <65.12b08a3d.2807b85f@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

HelloGroup.

I deal in heavy industry with circuits up to 138KV, but typically , and most commonly at 12Kv, 2300 V, and 480VAC3 phase Power systems, Throw in a smattering of DC circuits up to 750VDC, at 3200KW nominal supply.

Our prevailing rule for touching anything is

- 1). Lock out the source with a lock
- 2). Test the circuit to see if you put the lock on the correct switch.
- 3). Test the circuit with a proper meter, or in the case of say 12KV, a circuit probe for doing this to make sure you are off.
- 4). Connect approved ground sticks to the circuit, shunting any further mistakes away from the work area. (A ground stick is a ground jumper, with at least 1 insulated handle. You connect the first end to ground, and then the second via the insulated handle, to the circuit. Neverb contacting the circuit in the process.
- 5). Then perform work.

Seems like some of the safety employed here is appropriate for consideration in your discussion.

The discussion about right hand, and touching only the back of the hand, with the other hand in the pocket, I would offer is only appropriate, after you have completely de-energized, and performed a secured lock out, and test, and grounding for safety.

It is a recommended way to make first contact, BUTTTTTTTTTT only AFTER the above. It might allow you to be blown free from a mistake, but.....

Safety First---->Lockout.

Thanks for the Bandwidth, If you're not sure, find an expert, then ask another.

A lot of real sure dead people around.

de Phil

KF8JW

Date: Thu, 12 Apr 2001 19:12:46 -0700
From: "N7SG KF8JW" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU

Subject: [96271] Watch out for the QRP ops!
Message-ID: <F91b1Zz02H67yRLVbND000003000@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

In response to several inquiries as to the timing of the Fists Clubs Coast to Coast event and the QRPARCI event, I pass this sincere tidbit along:

From: "Casey" <casey@foreign-interests.com>

OMs es YLs,

SM3CER, Jan-Eric, did an update with all the correct C2C info this evening:
<http://www.sk3bg.se/contest/cose0104.htm#APR>
That is a really nice site and a lot of folks will check it just before the weekend to see what's happening, so that should help attendance.

In the what-I-would-have-done-better-had-I-only-known category, I realize that a lot of QRP ARCI ops are concerned about the possible QRM between our two events. We overlap the last 2/3rds of their contest and FISTS and QRP calling frequencies are pretty darn close together on most bands. It's tough to find a weekend where you won't conflict with *some* event or another and try to also be far enough away from other FISTS events, but in hindsight this was not the best choice for a date (and that doesn't even take into account Easter, which I totally overlooked).

So, may I suggest that we operate with special consideration for the QRP ops and once we each find an open frequency for our own clubs to call from, stick with that frequency. That should help them somewhat in working around us. Of course, the really interesting combo is when you are working the club call QRP and they want to work you for both contests, hi.

So, cu all on the bands. If there's any more operating skeds/info that you want to share, send it along and I'll post it.

73,

Casey Bahr, KS7J FISTS nr 3648, CC nr 450, CC/m nr 006
Trustee for FISTS Northwest, K7FFF, FISTS nr 4400, CC nr 457
<http://www.foreign-interests.com/k7fff>

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Date: Thu, 12 Apr 2001 22:16:19 -0400
From: "Don Wilhelm" <w3fpr@arrl.net>
To: <aa5tb@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [96272] Re: Question; Anti-static storage
Message-ID: <004f01c0c3c0\$1355c860\$03113604@dbw11main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

The reason for antistatic wrist straps having a 1 megohm resistance is the personnel safety - so that you do not expose your body to high current. It has nothing to do with any rate of discharge.

While there may be merit in slowly releasing any static charge for the protection on the semiconductors, we should not mix apples and oranges and call them the same thing.

73,

Don Wilhelm -Chapel Hill, NC W3FPR home page: <http://www.qsl.net/w3fpr/>
QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)

----- Original Message -----

From: "Steve Yates, AA5TB" <aa5tb@arrl.net>

> ... This

> is one reason why anti-static wrist bands usually measure about 1M ohms to
> ground instead of a dead short. The idea is to bleed the charges slowly
to

> a common potential.

>

> Here are a few related sites that may help:

>

> <http://www.esdjournal.com/>

>

> <http://www.arrl.org/tis/info/pdf/9104019.pdf> (big file)

>

> <http://www.arrl.org/tis/info/pdf/9105028.pdf> (big file)

>

> 73,

> Steve Yates - AA5TB

> Fort Worth, Texas

> Grid Square: EM12gs

> aa5tb@arrl.net

> <http://www.geocities.com/aa5tb>

>

>

Date: Fri, 13 Apr 2001 18:02:34 -0700 (MST)
From: mugglesto@ecentral.com
To: qrp-l <qrp-l@lehigh.edu>
Subject: [96273] PSK Help
Message-ID: <Pine.LNX.4.10.10104131753330.690-1000000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello All,

I need some help - been messing with PSK and it seems to be working OK on my computer/radio but on transmit unless my output plug is just exactly correct on the back of my computer it doesn't work.

To be more specific

I've got a Dell Optiplex GX1 computer with the basic sound card in it. I'm using the Buck interface going to my Alinco DX-70 through the Mic connector.

The Buck interface comes with all the parts and is a nice kit but for some reason as soon as I plug the OUT line (sterio mini plug with only the tip and barrel wired) my waterfall display stops generating (i.e. no more rows are added to the display so what was being displayed slowly drops off the screen). I've found that if I pull the plug out just so the display comes back and I am able to make some contacts. Today I thought I'd play and hooked everything up again (it's not easy for this short fat old body to do this) Reaching around the back of the computer trying to hold a mirror so I can see - I just can't seem to get the plug in the correct way.

I purchased an extension cord so I could switch between my PSK and speakers but I couldn't get that to work either. It only wants to work hooked up just so on the back of the computer.

Does anyone have any ideas? If you need a better explanation I can try. Right now I'm listening to what is probably a great contact but can't say anything.

Thanks and 72's

Brad Mugleston, KI0OT
Aurora, Arapahoe Cty, Colorado
DM79oq 39.692500N 104.802600W
CQC #170, QRP-L #316

Date: Fri, 13 Apr 2001 03:17:00
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: DYARNES@aol.com, qrp-1@Lehigh.EDU
Subject: [96274] Re: Amazing Analyzer
Message-ID: <F330mJWEsBk31TZ14eB0000028e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Radio shack has a somewhat similar device for \$20. It doesn't have a gain readout but does identify component type and lead arrangement. Kinda cute little gadget.

72/73,
Mike WA8BXN

>This thing will identify a bunch of different components, and tell you all
>sorts of things about it too. There are three clip leads, and you just
>clip
>any two (or all three if necessary) to the component, push a button, and
>start reading

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Thu, 12 Apr 2001 22:31:12 -0500
From: "Marty N5NW" <n5nw@onebox.com>
To: "QRP" <qrp-1@lehigh.edu>
Cc: <rattray@gpfn.sk.ca>
Subject: [96275] Re: QRP Desktop question
Message-ID: <000301c0c3ca\$34c35300\$0200a8c0@n5nw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Re: Desktop icons

This is a function of screen size/resolution. The larger desktops (1024x768) will show more icons. If you right click on a blank spot on the screen and click on "properties", or get the display properties feature up,

you can click on the "Appearance" tab. Then, click on the "Item" selection menu below the screen sample. Choose Icon spacing, and you can cram them closer together.

Win98 offers some advantages in this arena, but it's probably not worth an upgrade attempt. The folders idea is an excellent technique, BTW. Categorize them into folders on the desktop.

--

72 es 73 de Marty, N5NW

--

Lakeland (Memphis), Tennessee
<http://marty.w.tripod.com/>

Date: Fri, 13 Apr 2001 00:18:15 -0400
From: Pete Burbank <plburbank@kih.net>
To: aa5tb@arrl.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [96276] Re: Question; Anti-static storage
Message-ID: <5.0.2.1.0.20010413000937.00a7f2d0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:58 PM 4/12/2001 -0500, Steve Yates, AA5TB wrote:

>I agree with Mike except I would recommend that you store your parts in
>specially designed anti-static bags or bins. Lining draws with foil or
>wrapping your components in foil will dissipate any accumulated charges but
>will do so very rapidly and any charge that does accumulate on the component
>will discharge with little resistance which can cause damage as well.

Thanks Steve

Wow that's a good point! I think the hi -R wrist strap was also to protect the worker.

73 Pete

Date: Thu, 12 Apr 2001 22:52:16 -0600
From: "Brian P. Mileschosky" <n5zgt@swcp.com>
To: <plburbank@kih.net>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [96277] Re: Question; Anti-static storage
Message-ID: <002601c0c3d5\$8476c340\$3700b8d8@hlw11>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> At 06:58 PM 4/12/2001 -0500, Steve Yates, AA5TB wrote:
> >I agree with Mike except I would recommend that you store your parts in
> >specially designed anti-static bags or bins. Lining draws with foil or
> >wrapping your components in foil will dissipate any accumulated charges
but
> >will do so very rapidly and any charge that does accumulate on the
component
> >will discharge with little resistance which can cause damage as well.

And remember...just because the bag is "pink" or "black" doesn't mean it
is an anti-static bag. This is a misconception. Always look for proper
labeling on the bag before you put your sensitive stuff in it!

72,
Brian, N5ZGT

Date: Fri, 13 Apr 2001 00:10:00 -0500
From: "Steve Yates, AA5TB" <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96278] Re: Question; Anti-static storage
Message-ID: <001201c0c3d7\$fe7d8dc0\$d2713ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Don,

> The reason for antistatic wrist straps having a 1 megohm resistance is the
> personnel safety - so that you do not expose your body to high current.
It
> has nothing to do with any rate of discharge.

I agree with your first part, hence the reason I said "one reason why...".
Sorry, I guess I did use a bad example (wrist strap) but the question of
safety wasn't asked so I didn't answer in terms of safety. So don't give me
no static ;-)

Maybe I did over emphasize the idea of a slow discharge rate but if one
researches the use of pure metal foil for component ESD protection it will
be found that in general the electronics industry does not recommend this
practice for the reason I mentioned in the earlier post.

For reference, check out this white paper regarding the subject. Be sure to read section V as it speaks of wrist straps and discharge rates:

<http://www.esdsystems.com/whtpaper/discharg.htm>

Also for those interested, here is another useful site for ESD information:

<http://www.esdsystems.com/>

73,
Steve Yates - AA5TB
Fort Worth, Texas
Grid Square: EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Thu, 12 Apr 2001 23:45:32 -0700
From: "Dave Fifield" <ad6a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [96279] Re: Amazing Analyzer
Message-ID: <002301c0c3e5\$665a60a0\$0600a8c0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I have one of these component analysers. The model I have is a Peak DCA50e. It does just about all semiconductor parts you can name with 2 and 3 leads. Great tool. You don't have to ship them from the UK - they are available from the USA (several models) at:

<http://www.anatekcorp.com/testequipment/dca50.htm>

Cheers,
Dave Fifield, AD6A

----- Original Message -----
From: <DYARNES@aol.com>
Subject: Amazing Analyzer

Gang,

I forgot to mention something I saw at Ft. Smith last weekend that I think is an incredibly neat tool/gadget (snip)

Date: Fri, 13 Apr 2001 00:39:50 -0700
From: "Steve Thompson" <steve@xcvr.com>
To: <qrp-1@lehigh.edu>, <elecraft@qth.net>, <azqrp@extremezone.com>
Subject: [96280] Elecraft Dayton QSL Display (Last Reminder)
Message-ID: <003901c0c3ec\$ed2818a0\$6466c6d0@n7tx>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Guys and Gals,

In following tradition established by Bob, W3BB0, Elecraft will once again have its QSL Card Display at Dayton this year. Here's an opportunity to show off your QSL card, and show everyone you're an Elecraft enthusiast! Cards will be prominently displayed on the walls of the Elecraft booth at this year's Dayton Hamvention.

*** This is the last official reminder to send your QSL card! ***

I have been officially blessed with the responsibility of collecting and delivering the cards to the Elecraft folks at Dayton. If you're interested in including your QSL, send it to:

Steve Thompson - N7TX
3758 E. Cullumber St.
Gilbert, AZ 85234-4319

Be sure to put your K1 and/or K2 serial numbers on the front of the card, if you have one. IMPORTANT: Your card does not have to have a picture of an Elecraft radio to be part of the display, nor do you have to own an Elecraft radio to be part of it. The only requirement is that you are an Elecraft nut!

For more information or if you have any questions, please see:

www.xcvr.com

- or contact me **directly** at steve@xcvr.com (please do not address the entire listserver).

73,

Steve - N7TX

Date: Fri, 13 Apr 2001 07:51:04 -0400
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [96281] Re: HB sheet metal brake
Message-ID: <3AD6E828.1E79A5A2@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The how-to article was in the October 1996 issue. I built one, total cost (assuming all parts new) was \$24.68, but you can use 2 X 4's, hinges, mending plates, screws, etc, on hand. A nice piece of oak ensured the main parts used for the bending had good dimensional stability. I subsequently bought the Harbor Freight Brake/Shear, which is an "in-line" type, which means it bends via pressure in a V slot, at the bend point. It is hard to get a 90 degree bend with this method in springy metal (the V is 90 degrees, so you can't go over that to take the set, before it springs back). In those cases, and for wide sheets, I still use the wood brake from the QST article.

73, Ed,
K2MGM.

Date: Fri, 13 Apr 2001 08:39:21 -0400
From: "Upton, Shawn" <SUpton@ALLEGROMICRO.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [96282] Re: "Making Verticals Quieter" / Antenna Switch
Message-ID: <E1F0152638DBD311AEF700D0B74455E21E360F@EXCHANGE_NH>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Date: Thu, 12 Apr 2001 14:10:43 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Jake Brodsky <frussle@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [96247] Re: "Making Verticals Quieter"

Hi Jake, You hit it right on the head. A vertical antenna is noisy not due to an open circuit at the feed point, but rather because it has a low angle of radiation, and, much of the local noise sources are vertically polarized. My good old Butternut Vertical has a coil shorting the feed point but the antenna is very noisy. Many times I have wished for a vertical on transmit and a horizontal dipole for receive.

I can do that with about a 5 pole 3 throw switch...:-)

On Thu, 12 Apr 2001, Jake Brodsky wrote:

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

About the "5 pole 3 throw switch"...

For qrp work, it seems to me that some sort of diode switching would be an easy feat to do. One would just need the TX/RX lines from the transciever (these lines might even be able to power the diodes directly), or lacking those two lines, two/three wires from key/paddle to antenna interface (with some other power source) should suffice. I've never done this before but I don't see why it is not possible to switch 2 or more antennas easily. Or am I missing something about diode switching and rf?

If you had so many antennas, you could put a rotary switch on the box (the box referring to the diodes and whatnot used to switch rf) and come up with all the possible combinations of antennas. You know, vertical rx/dipole tx, dipole tx/vertical rx, rain gutter tx/long wire rx, light bulb rx/dummy load tx.... All at an easy spin of the knob for the best possible signal. And rotary switch could be anything, since it (the switch) doesn't have to carry rf.

Shawn Upton, KB1CKT
Product Development Engineer - Sensors
Allegro MicroSystems, Inc
Concord, NH
603.228.5533 ext. 429

Date: Fri, 13 Apr 2001 06:35:43 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <DYARNES@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [96283] Re: Amazing Analyzer
Message-ID: <Pine.LNX.4.31.0104130628030.852-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dave, I was struck by your discription of the Atlas as being a gadget I bought from Radio Shack called "component tester" Cat No. 22-330 for \$15.00 in Las Cruces.

The RS unit is small and operates from 3 AAA cells and has 3 wires in parallel with 2 kinds of plugs on the front. It will give you the type of device, the pinout, and also test diodes and other 2 lead devices.

Check it out. Mine works just fine.

On Thu, 12 Apr 2001 DYARNES@aol.com wrote:

> Gang,
>
> I forgot to mention something I saw at Ft. Smith last weekend that I think is
> an incredibly neat tool/gadget. Graham Firth, G3MFJ, had a little goodie
> called an Atlas Component Analyzer, which does some really amazing things.
> This thing will identify a bunch of different components, and tell you all
> sorts of things about it too. There are three clip leads, and you just clip
> any two (or all three if necessary) to the component, push a button, and
> start reading. Every push of the button reveals more info about the
> component. For example, if you hook up an NPN transistor, it will tell you
> that you have done so, give you the pinout info (regardless of how you hooked
> it up), give you the gain for the transistor, etc. Graham had a handful of
> different components, a transistor, a couple of LED's (one was a two color
> job), etc. and the analyzer identified each one perfectly. Since you can't
> hook it up wrong, it's perfect for me!!!!!!
>
> The best way to find out more about this thing is to go to the company's
> website at www.peakelec.co.uk. This will take you right to a page about the
> Atlas. Just click on the picture and you will get more choices including a
> spec. sheet, a Q & A sheet, and a couple of review articles. The cost
> airmailed to the U.S. is about 58 pounds (U.K. currency), which is about \$82
> or \$83. Considering all that it will do, I don't think that is such a bad
> price. Anyway, I promise you that you will at least be impressed with its
> versatility. Mine is on its way.
>
> 72 de Dave W7AQK
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 13 Apr 2001 09:14:58 -0400
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-l@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [96284] [CONTEST] QRP Contest Calendar - Apr 14-30
Message-ID: <3.0.6.32.20010413091458.00952460@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR  
April 14-30, 2001  
~~~~~

QRP ARCI Spring QSO Party (CW)QRP Contest!!!

Apr 14 -1200z to Apr 15 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/arcitst.htm>

"Biggest QRP event in some time"

~~~~~  
Low Power Spring Sprint (Slovak ARA) (CW) ...QRP Category

Apr 16 - 1500z to 2000z

Rules: <http://www.sk3bg.se/contest/lpsprspr.htm>

"Grid Location multipliers"

~~~~~  
The TARA PSK31 Rumble (Digital) ... QRP Category

Apr 21 0000z to 2400z

Rules: <http://www.qsl.net/wm2u/rumble.html>

"Get those Warblers in the show"

~~~~~  
Estonian (ES) Open HF Championship (CW/SSB) (80 & 40) ...QRP Category

Apr 21 - 0500z to 0959z

Rules: <http://www.sk3bg.se/contest/esopen.htm>

"Awards and trophies"

~~~~~  
Michigan QSO Party (CW/SSB) ...QRP Category

Apr 21 - 1600z to Apr 22 - 0400z

Rules: <http://www.qsl.net/mrrc/mqp.html>

"Celebration of Michigan Week"

~~~~~  
EA QRP Contest (CW) ...QRP Contest!!

Apr 21 - 1700z to 2000z (20 Meters)

Apr 21 - 2000z to 2300z (80 Meters)

Apr 22 - 0700z to 1300z (40 Meters)

Rules: [http://www.geocities.com/eaqrpclub\\_es/uk/uk.html](http://www.geocities.com/eaqrpclub_es/uk/uk.html)

"QRPP Category included"

~~~~~  
Ontario QSO Party (CW/SSB) ... QRP Category

Apr 21 - 1800z to Apr 22 - 1800x

Rules: <http://www.odxa.on.ca/oqprules.html>

"Work Ontario stations. Canada's friendliest amateur radio contest"

~~~~~

QRP To The Field (CW) ...QRP Contest!!

Apr 28 - 1500z - 2400z (Pick any 6 hours)

Rules: <http://www.fix.net/norcal.html>

"2001: A Space Odyssey"

~~~~~

Helvetia Contest (CW/SSB) (Swiss) ...QRP Category

Apr 28 - 1300z to Apr 29 - 1300z

Rules: <http://home.sol.no/~jana1me/htmlrules/h26.html>

"Work Swiss Cantons"

~~~~~

Florida QSO Party (CW/Phone) ...QRP Category

Apr 28 - 1600z to Apr29 - 0159z and

Apr 29 - 1200z to 2159z

Rules: <http://www.qsl.net/fqp/rules.htm>

"Work Florida counties"

~~~~~

Nebraska QSO Party (CW/SSB) ... QRP Category

Apr 28 - 1700z to Apr 29 - 1700z

Rules: <http://www.qsl.net/hdxa/neqso/neqso.htm>

"Work Nebraska counties. More points for QRP"

~~~~~

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

\*\*\*\* QRP Contest Calendar \*\*\*\*

<http://www.njqrp.org/data/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

<http://www.qsl.net/cqrp/contests.html>

-----  
Date: Fri, 13 Apr 2001 10:22:02 EDT  
From: DYARNES@aol.com  
To: k5di@zianet.com, DYARNES@aol.com  
Cc: qrp-1@lehigh.edu  
Subject: [96285] Re: Amazing Analyzer  
Message-ID: <40.9fae3dd.2808658a@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 4/13/2001 5:33:19 AM US Mountain Standard Time,  
k5di@zianet.com writes:

<< Hi Dave, I was struck by your discription of the Atlas as being a gadget I  
bought from Radio Shack called "component tester" Cat No. 22-330 for  
\$15.00 in Las Cruces.  
>>

Folks, the RS unit is a nice little item, but it is not even close to what  
the Atlas unit will do. Check out the website FIRST, and then comment.

Dave W7AQK

-----  
Date: Fri, 13 Apr 2001 10:45:43 -0400  
From: "Ken Simpson, W8EK" <W8EK@fdt.net>  
To: "QRP List" <qrp-1@lehigh.edu>  
Subject: [96286] TenTec HF gear and accessories FS  
Message-ID: <029101c0c428\$6cb65b00\$4291d4d1@toshiba>

For Sale:

TenTec 546 Omni, Series B, HF CW / SSB xcvr.  
All solid state, with up to 100 W output. The ALC can  
also be turned back with a front panel control for QRP  
operation. Covers 160 through 10 meters, with large  
digital readout. Full QSK on CW, and a fantastic  
receiver. Terrific audio quality on SSB also.  
Includes notch filter, and audio CW filter.  
This one is in great shape, with manual for \$350.

TenTec 280 power supply, like new.  
Very rugged power supply, good for 20 amps at  
13 V DC. Probably the best one TenTec ever made.

Includes ammeter on front panel, and dual pass transistors, with over voltage protection. Can be used with Omni listed above, or any other rig needing up to 20 amps. It looks like it just came out of the box. Manual included for \$145.

TenTec 215 desk microphone.  
This is the electrolet mic that is banana shaped, that will slip in and out of a separate base. It is NOT the 705 gooseneck mic. Has 4 pin plug for TenTec gear, and requires a polarizing voltage from the rig, to make the electrolet mic element work. With the paper work for \$65.

TenTec hand microphone with 4 pin plug.  
Matches most any of the modern TenTec rigs that take the 4 pin plug. \$ 30

VoMax Model 4 speech processor.  
For those of you into phone operation, this is a great speech processor. It takes the speech audio spectrum, and breaks it up into "sub-bands", processes each sub-band separately, then puts it back together again. This reduces distortion to almost nothing. The guy on the other end does not know you are using processing, until you turn it off, and the punch from your signal goes away. Great design. Gain control and on-off switch on the front panel. It also has a red and a green LED to help adjust the gain. This one looks very nice, and works the same, for \$ 90.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson  
E-Mail to W8EK@fdt.net or W8EK@usa.net  
Voice Phone (352) 732-8400

-----  
Date: Fri, 13 Apr 2001 08:19:25 -0700  
From: Elliott <edl@pacbell.net>  
To: Low Power/QRP Reflector <qrp-1@Lehigh.EDU>  
Subject: [96287] For Sale: Wilderness Radio Accessories  
Message-ID: <3AD718FD.AC1F134@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

The following items for sale are new and have never been used/assembled:

1) BuzzNot noise blanker kit (For Sierra and NorCal 40/40A) -- PC board factory assembled ,control pot and instructions. \$20 shipping included in the US.

2) KC2 Keyer/Counter/S-Meter/Counter/Wattmeter kit (For Sierra)-- Complete with all parts in never opened bags, front panel in perfect condition and instructions. \$78 shipping included in the US.

Please contact me directly if you are interested.

vy 72  
Elliott WA6TLA

-----  
Date: Fri, 13 Apr 2001 10:22:04 -0700  
From: "Jim Crooke" <crooke@prodigy.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96288] WTT FT-840 for FT-817  
Message-ID: <NFBBJPADGLMPBKFEMHOJGEODCBAA.crooke@prodigy.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Greetings,

I have a very nice FT-840 with accessories that I would like to trade for a FT-817 with the cw filter. If you know of anyone that is tired of tiny buttons, please let me know.

73 Jim KJ0C

-----  
Date: Fri, 13 Apr 2001 09:43:57 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [96289] Re: Spring Bouquet  
Message-ID: <Pine.LNX.4.33.0104130942030.4895-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm very pleased to announce that the SPRING BOUQUET operating event WILL run again during the month of May instead of April! I met with Earl Murphy, VA6RF, who originated the Spring Bouquet operating event, at the annual Moose Jaw ARC flea market on Saturday, April 7th., where Earl told me this fun event will be on for May. Earl will be making an announcement very soon looking for FLOWER STATIONS so please watch for that on QRP-C & QRP-L.

ASSUMING ENOUGH FLOWER STATIONS VOLUNTEER, the schedule will be posted on these reflectors. Earl is in contact with a station in Nunavut and I will be trying to have a station on from Manitoba. It would be nice if we can have stations on from all the Provinces and Territories; we'll try our best! So watch QRP-C & QRP-L!!!!.....72 - Bruce(VE5RC+VE5QRP)"

-----  
Date: Fri, 13 Apr 2001 12:23:40 -0400  
From: Hank Kohl K8DD <k8dd@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [96290] Dayton Hamvention Rooms  
Message-ID: <5.0.2.1.2.20010413121520.023ebe48@mail.arenet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

As of April 12 there are 5 open rooms on the list.

<http://www.qsl.net/k8dd/rooms/dids.htm>

It's getting close to the date to turn back the un-confirmed rooms.

73 Hank K8DD

\*/ Hank Kohl K8DD k8dd@arrl.net  
\*/ ARRL TS http://www.qsl.net/k8dd  
\*/ MI-QRP - Vice Pres. QRP-ARCI - Director  
\*/

-----  
Date: Fri, 13 Apr 2001 12:47:50 -0400  
From: "William Mabry" <n4qa@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [96291] DSW/PC tuning...OR...an amateur programmer's mistake  
Message-ID: <F67bkA5JIzpNcedZhot00005cfd@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Hi, folks (sheepish grin)  
Last night, I decided to rewrite the program so that it would take into account things like clock speed etc.  
To make a long story short...while the program works perfectly on a 386sx-20 mHz machine, as is (mine, at least)...  
I now see that I have intermingled critical timing routines which I must now separate for the program to work properly on the higher-speed machines of today.  
I can't even get my current program to run on my 1997 Wal-Mart special...a 133 mHz AMD K5. Uh oh, I assumed again :(  
Anyway, a fix is in the works. The next iteration 'should' run on machines of clock speeds up to a couple GHz...hopefully that will suffice for a while.  
To anyone who may have thought that this project was an April Fool's joke...looks like the joke is on me :)  
I was beginning to wonder why nobody has contacted me, telling me what a hoot this project is :)  
Sorry for the false start...I'll 'try' to do better this time.  
73,  
Bill, N4QA

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com>

-----  
Date: Fri, 13 Apr 2001 18:45:26 +0100  
From: "Tony Fishpool" <g4wif@btinternet.com>

To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [96292] Re: Amazing Analyzer  
Message-ID: <00ab01c0c441\$8f1c78a0\$c743073e@LocalHost>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The product that Dave AD6A mentioned is not the same as the "Atlas" that Dave W7AQK recommended. Have a look at ....

<http://www.peakelec.co.uk/products/atlas/atlas.htm>

... and compare the extra features it has.

I got one for my birthday this morning - a nice surprise, although leaving printouts of the web page all over the house when I left for Atlanticon may have helped :-)

72/3

Tony - G4WIF

----- Original Message -----

From: "Dave Fifield" <ad6a@earthlink.net>

> Gang,

>

> I have one of these component analysers. The model I have is a  
> Peak DCA50e. It does just about all semiconductor parts you can  
> name with 2 and 3 leads. Great tool. You don't have to ship them from  
> the UK - they are available from the USA (several models) at:

>

> <http://www.anatekcorp.com/testequipment/dca50.htm>

-----

Date: Fri, 13 Apr 2001 11:17:34 -0700  
From: Elliott <edl@pacbell.net>  
To: Low Power/QRP Reflector <qrp-1@Lehigh.EDU>  
Subject: [96293] PSK31  
Message-ID: <3AD742BE.E95E7EE@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit



I would appreciate it if someone would give me the contact information for the PSK31 reflector. I am considering building NN1G QRP rig to give PSK31 a try and would like some feedback/info etc.

Thanks es vy 72

Elliott WA6TLA

-----  
Date: Fri, 13 Apr 2001 11:32:09 -0700  
From: Jeff Stai WK6I <jstai@home.com>  
To: g4wif@btinternet.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [96294] Re: Amazing Analyzer  
Message-ID: <3AD74629.CBB841B4@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

well, I would have liked to have seen if anatek had any other analy[zs]ers (hi!) but whenever I try to load their home page my netscape crashes. So... I'd be curious to see if they had anything closer to the Atlas, but if not the Atlas looks extremely useful - and more cost-effective (cost of importing might sway that of course). Now all we have to do is figure out how to get one!

7[23] - jeff wk6i

Tony Fishpool wrote:

>  
> The product that Dave AD6A mentioned is not the same as the "Atlas" that  
> Dave W7AQK recommended. Have a look at ....  
>  
> <http://www.peakelec.co.uk/products/atlas/atlas.htm>  
>  
> ... and compare the extra features it has.  
>  
> I got one for my birthday this morning - a nice surprise, although  
> leaving printouts of the web page all over the house when I left for  
> Atlanticon may have helped :-)  
>  
> 72/3  
> Tony - G4WIF  
>  
> ----- Original Message -----

> From: "Dave Fifield" <ad6a@earthlink.net>  
>  
> > Gang,  
> >  
> > I have one of these component analysers. The model I have is a  
> > Peak DCA50e. It does just about all semiconductor parts you can  
> > name with 2 and 3 leads. Great tool. You don't have to ship them from  
> > the UK - they are available from the USA (several models) at:  
> >  
> > <http://www.anatekcorp.com/testequipment/dca50.htm>

--

jeff stai  
radio stuff: WK6I in DM13  
rocket stuff: NAR #21059 TRA #3356 Level 2 Cert.  
email: jstai@home.com or wk6i@arrl.net  
ROC web page: <http://www.rocstock.org/>  
LDRS web page: <http://www.ldr20.org/>

-----  
Date: Fri, 13 Apr 2001 12:28:11 -0600  
From: "T.W." <wb5qyt@abq.com>  
To: <qrp-l@lehigh.edu>  
Subject: [96295] FS: TT rigs.....  
Message-ID: <MABBIKAEJKMHLIDDGMCKCEBHCHAA.wb5qyt@abq.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

Have the following for sale:

1. TT Argo 505 w/manual, hand mike, Electro-Voice base mike. Unit has a few problems. PT0 sticks and needs a rebuild, weak rec/xmit on 15m. Bought this rig at a hamfest in this condx. Don't want to put the bucks into making it perfect. Is usable as it is.....100 bux and you pay shipping.
2. TT Century 21 analog 80-10 m cw rig...30w out, hot rec. Rig also needs a PT0 rebuild as is a bit sticky, but seems to get better as it warms up. Only other thing wrong is that the freq readout dial(plastic) is warped. TT says they no longer make them....Have manual...125 bux and you pay shipping.
3. TT 544 digital 80-10 m 100w rig...Had recent work done at factory. Have manual, mike, no pwr supply. Only thing wrong is that the resonate control slips but Im sure easy fix. Good cw filters, will do qrp fb. Will take 200

bux and you pay shipping.

Open for trades, kits, cash.....whatcha got? Any DSW-30 kits out there?

Sorry, rigs are not in perfect shape.....Full disclosure of all problems with above rigs.

Email direct for info or call 1-505-237-2005

72, Tom WB5QYT..."Have spud will travel!"

-----  
Date: Fri, 13 Apr 2001 14:04:23 -0700 (PDT)  
From: agtaylor@llnl.gov  
To: qrp-1@lehigh.edu  
Subject: [96296] OT: SuperKeyer II wanted!  
Message-ID: <200104132104.0AA04196@poptop.llnl.gov>  
MIME-Version: 1.0  
Content-Type: TEXT/plain; CHARSET=US-ASCII

I am looking for anyone out there with a SuperKeyer II they might be willing to sell. As the SuperKeyerIII kit sells for just about \$60, if I can find someone who wants to upgrade to the III model and sell off their older II model for, say, \$35, we could work out a deal. I am going to install one, if I can actually find one, in a QRP rig for the field. I prefer memory keyers with a real speed potentiometer and the SKII/SKIII are the only way to go.

I will be away from email until Tuesday morning, so if you reply (privately of course) I may be slow in responding.

Also, look for the activation of the FISTS associated club AE6TT tomorrow evening. I will, of course, try to not thrash any nearby QRPers but will not be QRP power level unless called and requested to QRP. AE6TT has an ARCI number, too, if that is of interest to anyone (and so do I, for that matter).

73 Allan K7GT

--

Allan G Taylor

agtaylor@llnl.gov

-----  
Date: Fri, 13 Apr 2001 14:07:46 -0700  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "QRP-1 Forum (E-mail)" <qrp-1@Lehigh.EDU>  
Subject: [96297] Save 7-9 September for the SW Convention QRP Forum  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76E0A@hq-expo2.filenet.com>

Now that AtlantiCon and ArkieCon are fond memories and you all are undoubtedly making plans to attend upcoming events, here's one you should put on your calendar:

The ARRL Southwestern Division Convention will be held this year on the weekend of 7-9 September (the weekend after Labor Day) and the Lake Perris QRP Society is planning to have an expanded QRP forum that weekend. We have a stellar array of speakers and QRP luminaries in attendance. Tentative speakers include:

Doug Hendricks, KI6DS, NorCal Founder  
Ed Hare, W1RFI, ARRL Laboratory Supervisor and QRP aficionado  
Chuck Adams, K7QO, QRP builder and contesteer extraordinaire  
Eric Swartz, WA6HHQ, and Wayne Burdick, N6KR from Elecraft  
Jim Duffey, KK6MC (Dr. Megacycle) QRP Antenna Expert

Register for the convention for the early bird price of \$10 before April and get a free pin plus a chance at winning a Yaesu FT-817! Registration forms and details will be on the web site (see below). For more information on the convention contact Jim, AD6CW, at jmlowman@ix.netcom.com, Barry at barry@GeipelNet.com Bill, K6BNC at k6bnc@att.net, or Bill, K6WHP, at k6whp@gte.net.

Plan now and we hope to see you there!

Note: The convention web site is due up this weekend and I will see to it that the URL is posted on QRP-1. In the mean time, if you wish to register, just send me an e-mail at k6whp@gte.net and please include your name, call, address, and an indication if you would need accommodations in the Riverside, California area, we will see that you are registered..

Remember, it's a lo-o-o-n-g time between the end of July and the middle of October..

72,

Bill, K6WHP  
Secretary, LPQS

-----  
Date: Fri, 13 Apr 2001 21:42:42 +0400  
From: "Oleg Borodin" <vector72@lipetsk.ru>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [96298] Re: Code Morse of @  
Message-ID: <20010413211641Z12666-294+5801@relay.lipetsk.ru>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=Windows-1251  
Content-Transfer-Encoding: 7bit

Thanks for All answered my question about Morse code of sign "@" like "AT"!  
Happy Easter!  
Oleg V. Borodin E-Mail: vector72@lipetsk.ru  
72 & 73! de RV3GM/QRP

-----  
Date: Fri, 13 Apr 2001 17:22:54 -0400  
From: tailfeathers@juno.com  
To: qrp-1@lehigh.edu  
Subject: [96299] For Sale  
Message-ID: <20010413.172255.-207983.0.tailfeathers@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have an MFJ 441 memory keyer that is not getting any use. It is about 9 months old and cost 55 bucks new. Will sell for 40.00 + 4.00 shp.  
Gary  
n8gsj

-----  
GET INTERNET ACCESS FROM JUNO!  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 13 Apr 2001 21:33:27 +0100  
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>  
To: eroswell@monmouth.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96300] Re: HB sheet metal brake  
Message-ID: <5.0.2.1.0.20010413213157.00a45110@mail.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 07:51 AM 4/13/01 -0400, E. Roswell wrote:  
>... SNIP...

> I subsequently bought the Harbor Freight Brake/Shear, which  
>is an "in-line" type, which means it bends via pressure in a V slot, at  
>the bend point. It is hard to get a 90 degree bend with this method in  
>springy metal (the V is 90 degrees, so you can't go over that to take  
>the set, before it springs back). In those cases, and for wide sheets,  
>I still use the wood brake from the QST article.  
>73, Ed,  
>K2MGM.

I have found that using the Harbor Freight Brake that you can bend more than 90 degrees.  
If you apply just a little more pressure and in fact I have gotten about 70 degree angles or so.  
I'll have to go back and bend a piece and see just how far it will go.

FYI

Chuck Adams, K7QO CP-60  
Prescott, AZ k7qo@earthlink.net <http://www.qsl.net/k7qo> <http://moon.pr.erau.edu/~adamsc>

TMPS-2001 April 10th, 2001 Q's = 431 States = 47 Counties = 342 DXCC = 14  
SWL-30 with CMOS 3 keyer and Code Warrio 0.500W and vee-beam

States Needed AK DE VA

DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 C08 ZS6 EA8 EA7

-----  
Date: Fri, 13 Apr 2001 15:36:33 -0700  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [96301] September ARRL SW Convention QRP Forum Alert!  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76E10@hq-expo2.filenet.com>

..and a correction: The "early bird" offer, of course is \$10 for pre-May registrations and includes a free pin and a chance at the Yaesu FT-817!  
Also, here is the URL with information and registration information:

<http://www.qsl.net/arrl-2001swdc/index.html>

Hope to see you all there!

W. H. Phinizy, K6WHP  
Principal Engineer  
FileNET Corporation

-----  
Date: Fri, 13 Apr 2001 18:50:36 -0400  
From: Royce Simmons <w2rbn@prodigy.net>  
To: qrp-l@lehigh.EDU  
Subject: [96302] Plotting Program  
Message-ID: <3AD782BC.4A84@prodigy.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi All,

I am looking for information on a program that generates X-Y Plots.  
I know this is off topic but I would like to be able to plot drift  
over a few hours and see it graphically.

Thanks, Royce

--

Royce Simmons  
Please note my new Internet ID: w2rbn@prodigy.net

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End of QRP-L Digest 2158

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